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January 11, 2005

**TO:** All Holders of the Field Office Technical Guide

**VERMONT TECHNICAL GUIDE NOTICE NO. 25**

**PURPOSE:** General Additions and Revisions to the Field Office Tech Guide

**EXPIRATION DATE:** Upon Receipt

**BACKGROUND:**

The following references have been revised or added to the Field Office Tech Guide.

1. **Replace** FOTG Engineering Numbered Technical Reference # 8 – “Drainage Areas of Vermont Streams”. This reference was retyped and put into electronic format about a year ago. However, mistakes were found and have been corrected. The revised version has already been posted in Section I of eFOTG under “References List”.
2. **Add** FOTG Engineering Numbered Technical Reference #44 - “Vermont Drainage Guide”. This reference has been retyped and put into electronic format. This reference has traditionally been kept as an appendix to Chapter 14 of the Engineer Field Handbook. This revised version has already been posted in Section I of eFOTG under “Reference Lists”
3. **Add** “Soil Series of Vermont and their associated Natural Communities” report under Statewide Soils Information in Section II of eFOTG. This report is based on the book, “Wetland, Woodland, Wildland – A Guide to the Natural Communities of Vermont” by E. Thompson and E. Sorenson.
4. **Replace** Conservation Planning and Application Numbered Technical Reference #1- “2001 Cornell Recommends for Integrated Field Crop Management” with “2005 Cornell Guide for Integrated Field Crop Management”. Also re-file this reference as FOTG Agronomy/Grazing Numbered Technical Reference #1. This publication has previously been sent to each field office with a cover letter stating that the technical reference was Conservation Planning Application Technical reference #1. That statement was based on the December 2003 hard copy of numbered technical reference lists in the field offices. The eFOTG lists this reference as Agronomy/Grazing technical reference #1.
5. **Release** of the following standards:
  - 592 – Feed Management
  - 344 – Residue Management, Seasonal
  - 557 – Row Arrangement
  - 351 – Well Decommissioning
6. **Add** the following Vermont Statements of Work to the respective conservation practice folder in eFOTG, Section IV-A:
  - 528 – Prescribed Grazing
  - 390 – Riparian Herbaceous Cover

- 512 – Pasture and Hayland Planting
  - 342 – Critical Area Planting
  - 382 – Fence
7. **Add** the following Resource Management System Resource Assessment and planning tools to eFOTG Section IV-E (Tools):
- Vermont NRCS Worksheets (adapted from Farm\*A\*Syst)--These worksheets will be used by NRCS planners instead of the Farm\*A\*Syst versions:
    - *Worksheet #3 - Pesticide Storage, Handling and Application*
    - *Worksheet #4 - Assessment for Petroleum Product Storage*
    - *Worksheet #7- Manure Storage*
  - Vermont Pasture Condition Score Sheet,
  - Vermont Resource Inventory and Assessment Documentation workbook,
  - Vermont Wildlife Habitat Assessment Tool,
  - Vermont Wildlife Habitat Assessment Tool Instructions Document (New),
  - Vermont Stream Temperature & Streambank Stability Worksheet
  - Vermont Cropland Sediment Indicators Worksheet 1B
  - Farm\*A\*Syst Worksheet #6 Household Wastewater
  - RUSLE 2 – Field Data Collection Sheet
- These versions of the tools are the official versions and must be used for all current planning activities.
8. **Replace** Conservation Planning Application Technical Reference #4, “Forage Crop Guide, no date”, with “Forage Guide”, Purdue Extension. Hard copy has been distributed to each field office.
9. **Add** Conservation Planning Application Technical Reference #17, “Pesticide Safety Education with enclosed Pesticide Applicator Training Manual”, Vermont Agency of Agriculture, Plant Industry Section, Cornell Cooperative Extension, 1984. Hard copy has been distributed to each field office.
10. **Add** Engineering Technical Reference #41, The Shoreline Stabilization Handbook for Lake Champlain and Other Inland Lakes. Hard copy has been distributed to each field office.
11. **Correction:** The following references were previously released as Engineering Technical References but were given incorrect numbers:

<u>Reference</u>	<u>Previous Number</u>	<u>Corrected Number</u>
• NRAES – 163, Natural Rendering: Composting Livestock Mortality and Butcher Waste, 2002	39	40
• NRAES – 146, Guidelines for Dairy Odor Management, 2001	41	42
• MWPS – 18, Manure Management Series:	42	43



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12. **Correction:** The following reference was originally released as Ecological Science Tech Reference #20. It has since been changed to Ecological Science Tech Reference #5:

“Natural and Artificial Regeneration as it Relates to the Establishment and Maintenance of Riparian Forest Buffers in Northeastern U.S.: A Literature Review”

13. **Correction:** The following reference was originally released as Conservation Planning Application Tech Reference #23. It has since been changed to Plant Materials and Application Tech Reference #8:

“The Use of Native Warm Season Grasses for Critical Area Stabilization”

14. **Update:** Status Maps of Soil Survey Program in Vermont, as of January 2005.

15. **Replace:** Index of following Numbered Technical References (attached):

- Agronomy/Grazing
- Conservation Planning Application
- Ecological Science
- Economics
- Engineering
- Fisheries
- Forestry/Wildlife
- Plant Materials and Application
- Water Quality

16. **Replace:** Index of Vermont FOTG Notices (attached).

#### **FILING INSTRUCTIONS:**

These additions and changes have already been posted on eFOTG. Most references are available on-line. If a reference is not available on-line, you should have a hard copy in your office. Please call if you do not have the hard copies indicated above. If you are still maintaining a hard copy of the FOTG, please make the appropriate copies of these references and new reference lists and file accordingly. Discard old and out of date references. If you have any questions regarding these references please feel free to give me a call.

/s/ Jim Wood

Vermont State Resource Conservationist

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